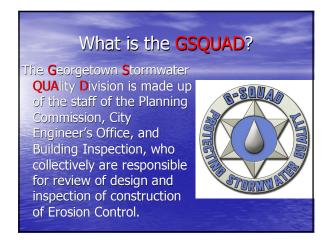


### Outline of Today's Open House Introduce the "GSQUAD" Review 2009 changes to the Statewide EPSC regulations, or "KYR10" Introduction and summary of the 2010 local Land Disturbance Ordinance and permitting requirements









### Who needs a permit?

- Construction sites with a disturbed (bare soil) area of one acre or more
- Construction sites with less than one acre of disturbed area that are part of a "common plan of development," like a subdivision



### Common plan of development

- Includes subdivisions, commercial and industrial developments, etc.
- If one acre or more in the overall development will be disturbed (cleared, excavated, filled), a areas of the development need permit coverage
- If you are building on any lot in the development, you need permit coverage
- Unless! The individual portions of the development are separated by > .25 miles.

### What does Stabilization mean?

- As defined by KYR10,
  - All soil disturbing activities at the site have been completed and either of the two following criteria are met:
  - an uniform perennial vegetative cover with a density of 70% of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures, or
  - equivalent stabilization measures (such as riprap, gabions, or geotextiles) have been employed.
  - For individual lots in residential construction, final stabilization means, the either:
  - The homebuilder has completed final stabilization as specified above, or
  - The homebuilder has established temporary stabilization including perimeter controls for an individual lot prior to occupation of the home by the homeowner and informing the homeowner of the need for, and benefits of, final stabilization.

### Who has to get the permit?

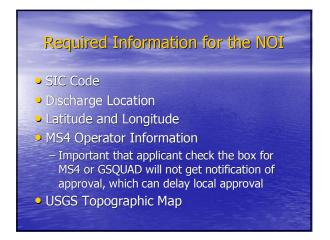
- The construction site owner, or
- The construction site "operator"
  - Person who has control of plans and specifications, with decision-making authority Person with day-to-day control over activities at
  - the construction site
  - Can be developer or contractor
- Subcontractors at the site need permit coverage if they are involved in clearing, excavation, installing, or moving ESC controls

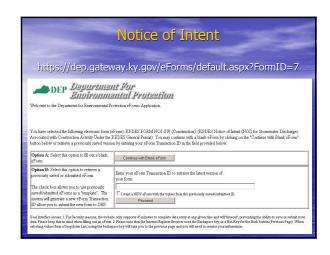
### KPDES Permit requirements

- What are the requirements for construction sites?
  - Register with the KY Division of Water by filing a Notice of Intent (eNOI or NOI)
  - Local construction / grading permit may also needed
  - Develop a written SWPPP
  - Install & maintain BMPS
  - Document installations, inspections, & repairs
  - Remove controls & stabilize project
  - File a "Notice of Termination" with the KY Division of Water after project is completed to ensure that liability for runoff from the site has ended

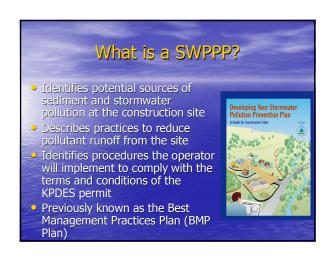
### How do you get the permit?

- Develop a SWPPP that addresses erosion, sediment, and polluted runoff (readily available)
- Complete a Notice of Intent form, send it to the KY Division of Water (and local stormwater office)
- E-NOIs will receive response in 7 days
- Paper NOIs receive response in 30 days
- You can begin work AFTER Notice of Coverage is approved. NO
- SWPPP subject to public review



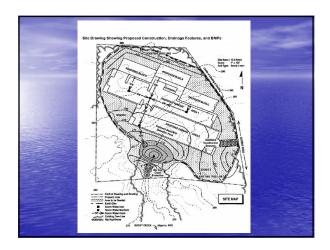


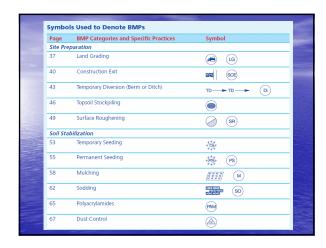










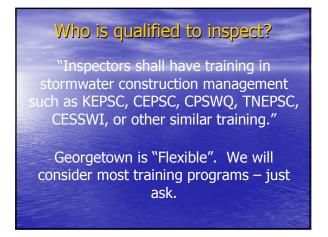
























### Regulated waters include blue line & intermittent streams, wetlands, lakes, & rivers Work in channels, wetlands, etc. (including equipment crossings) MUST be done under a Clean Water Act Section 404 permit from US ACE KY DOW issues CWA Section 401 "Water Quality Certification" for Section 404 permit Activities can be covered under a Nationwide Permit IF channel impact is 200 ft or less, or wetland impact is 1 acre or less Individual 404 permit & 401 WQC are needed for some high-quality waters - when in doubt, ask! Contractors & subs must comply with 404 permit requirements and 401 WQC stipulations

Work in the floodplain requires a KY DOW floodplain permit

### Erosion Prevention and Sediment Control Revision of Ord. 2002-002, the "single lot erosion" ordinance Adds an administrative process Adds an progressive enforcement procedure Better defines threshold for permit need, which allows some exceptions to the process

Georgetown Ordinance 2010-014

# Why a local permit? • KYDOW also issued new KYG20 for MS4s • MS4 has greater requirements placed on them to regulate KYR10 • Current ordinance had loop holes • Eg. No structure, no permit needed; grading/filling of lots unregulated • NOTE: Builders will see little difference in technical requirements; just a couple of forms and a small fee for administrative costs

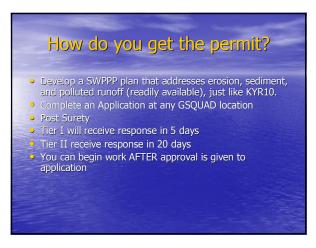
### Who needs a permit? Construction sites with a disturbed (bare soil) area of 5,000 sq.ft. or more Old requirements was for "single lot". By zoning, that was as small as 7,500 sq.ft. Why 5,000? In Kentucky, statistically bigger than "an addition"; consistency with other regional governments Construction sites with less than one acre of disturbed area that are part of a "common plan of development," like a subdivision Local Permit has established Tier I and Tier II to make this easier to understand There are exceptions – for both GSQUAD and permittee

# Who has to get the permit? Same as KYR10 The construction site owner, or The construction site "operator" Person who has control of plans and specifications, with decision-making authority Person with day-to-day control over activities at the construction site Can be developer or contractor Subcontractors at the site need permit coverage if they are involved in clearing, excavation, installing, or moving ESC controls





# Fiscal Surety Projects covered by Building Permit can be waived by GSQUAD if found unnecessary Amount = 2 x Cost of EC measures or \$1,000, whichever is greater Used as an enforcement tool, like Stop Work Orders on Building Permits Released with CO or CS



# How do I get a Certificate of Stabilization? Same concept as the N.O.T. for KYR10 CS is issued by GSQUAD when Final Stabilization has been achieved CO for building permits will serve as CS for those projects covered by Building Permit



## Inspection requirements AGAIN – Same as KYR10 Qualified personnel - shall inspect all storm water control measures, discharge locations, vehicle exits, disturbed areas of the construction site and material storage areas regularly; • Every seven (7) days or, • Once every fourteen (14) days (and within 24 hours of the end of a storm that is 0.5 inches or greater) and areas that have been temporarily or finally stabilized at least once a month

### Inspector responsibilities Pre-Construction meetings may be required before work begins Likely waived on Building Permits Permittee has to have a Qualified Inspector perform all inspections Permittee contact GSQUAD 24 hours prior to inspection for routine inspections Again, on larger projects, not Building Permits GSQUAD will also provide periodic inspections, review the permittee's inspections, conduct enforcement when deficiencies are found

### Progressive Enforcement

- Intended to encouraged compliance, not fund the program
- Prior to offense Verbal (help us help you)
- $1^{st}$  offense NOV; fine = \$0
- 2<sup>nd</sup> offense SWO; fine = \$50
- 3rd offense 2nd SWO; fine = \$100 & permit revocation
- Can also use injunctive relief
- Failure to comply with ordinance can result in fines up to \$500 /day and imprisonment up to 90 days

### **Enforcement Schedule**

- NOV − fix in 5 days (old permit was 24 hrs.)
- SWO 5 MORE days (old permit was 48 hrs.)
- 2nd SWO 5 MORE days
- GSQUAD can evoke a Notice of Intent to the permittee to make repairs 6 days after SWO.
- GSQUAD make repairs after 14 days.
- Use Surety to pay expenses or bill permittee
- Failure to pay bill after 30 days will result in liens

### Fees

- Tier I projects = \$25 (includes building permit project and is in addition to other fees)
- Tier II projects less than 1 acre = \$150
- Tier II projects over 1 acre = \$500\*
- Revisions = half cost of application
- \* These projects likely require Planning Commission review as well. In these cases, the fee is the same fee customarily paid, not a second / new fee

### **Effective Date**

- September 1, 2010
- The INTENT of the ordinance effective date being delayed until 9/1/10 was two-fold:
  - Get administrative process in place
- Avoid "grandfathering"
- HOWEVER, all building permits are currently required to comply with the Ordinance 2002-002; the technical / field work requirements are no different.
   THEREFORE, to avoid any conflict with KY Building Code, and for goodwill, we will not require building permits to submit LD permit applications
- BUT, the <u>bia</u> projects, and those land disturbances without permit, have to complete a LD application and obtain local permit coverage ASAP.

